

Claims

1. A product comprising an applicator, other than a porous or absorbent sheet, whereto a wax phase has been applied, wherein the wax phase is a composition comprising at least a wax component selected from dialkyl(ene) ethers, dialkyl(ene) carbonates,
5 dicarboxylic acids or hydroxy fatty alcohols or mixtures thereof.
2. A product according to claim 1 wherein the melting point or melting range of the wax phase is above or equal to 25 °C.
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3. A product according to claim 1 wherein the melting point or melting range of the wax phase is in the range of 32 to 40 °C.
4. A product according to any of claims 1 to 3 wherein the wax phase additionally
15 comprises mono-, di- or triglycerides.
5. A product according to claim 4 wherein the wax phase additionally comprises mono-, di- or triglycerides derived from or present in natural oils.
- 20 6. A product according to claim 4 wherein the wax phase additionally comprises fatty acid mono-, di- or triglycerides wherein the fatty acids contain from 12 to 24, preferably from 16 to 20 carbon atoms.
- 25 7. A product according to claim 4 wherein the wax phase comprises triglycerides selected from glyceryl stearate, glyceryl oleate, glyceryl laurate, glyceryl myristate, cocoglycerides, or hydrogenated palm oil glycerides, hydrogenated castor oil, or hydrogenated rapeseed oil.
- 30 8. A product according to any of claims 1 to 3 wherein the wax phase additionally contains fatty alcohols.

9. A product according to claim 8 wherein the wax phase contains C₁₂-C₅₀-fatty alcohols, in particular the C₁₂-C₂₄-fatty alcohols.

10. A product according to claim 9 wherein the fatty alcohols are selected from
5 myristyl alcohol, 1-pentadecanol, cetyl alcohol, lauryl alcohol, oleyl alcohol, palmityl alcohol, 1-heptadecanol, stearyl alcohol, cetearyl alcohol, 1-nonadecanol, arachidyl alcohol, 1-heneicosanol, behenyl alcohol, brassidyl alcohol, lignoceryl alcohol, ceryl alcohol or myricyl alcohol and C₁₆/C₁₈-Guerbet alcohols.

10 11. A product according to any of claims 9 to 10 wherein the fatty alcohols are present in the wax phase, in an amount relative to the total weight amount of the wax phase, which is in the range of 1 - 40 %, preferably 1 - 30 % (w/w), more preferably of 1 - 20 % (w/w), still more preferably from 1 - 10 % (w/w).

15 12. A product according to any of claims 1 to 3 wherein the wax phase contains fatty acids.

13. A product according to claim 12 wherein the fatty acids are C₁₄-C₄₀-fatty acids or in particular are C₁₆-C₃₀-fatty acids.

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14. A product according to any of claims 11 to 13 wherein the total amount of the fatty acids present in the wax phase, relative to the total weight amount of the wax phase, is in the range of 1 - 30 % (w/w), preferably of 1 - 20 % (w/w), more preferably from 1 - 10 % (w/w).

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15. A product according to any of claims 1 to 3 wherein the wax phase additionally contains one or more of components (a), (b), (c), (d), (e) or (f) as defined hereafter:

(a) at least 1 - 50 % (w/w), in particular at least 1 - 10 % of an oily or waxy component

30 (b) 0.1 - 5 % (w/w) of at least one active ingredient

(c) 1 - 10 % (w/w) of at least one oil

(d) 0.1 - 10 % (w/w) of at least one emulsifier

(e) 5 - 90 % (w/w) of further waxy components

(f) 0 - 5 % (w/w) water.

16. A product according to claim 15 wherein the wax phase contains all components
5 (a)-(f).

17. A product according to any of claims 1 to 16 wherein the wax phase contains one or more active substances.

10 18. A product according to claim 17 wherein the active substance(s) is or are anti-microbials, e.g. anti-bacterials and antifungals, anti-inflammatory agents, anti-irritating, anti-itching, anti-perspirant agents.

19. A product according to any of claims 1 to 16 wherein the wax phase contains at
15 least one moisturizer, deodorant, skin caring ingredient, plant extract, vitamin, perfume oil, dye, sunscreen filter, hydrotrope or self-tanning agent.

20. A product according to any of claims 1 to 16, wherein the wax phase contains at least one emulsifier, superfatting agent, thickener, cationic polymer, anionic polymer,
20 zwitterionic polymer, amphoteric polymer, consistency agent, anti-oxidant, an insect repellent, a sunscreen filter, a powder or a peeling agent.

21. A product according to any of claims 1 to 20 which is a puff (pouf), pad, sponge, cotton ball, swab, brush, glove, mitt or bar.

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22. A product according to claim 21 wherein puff or pad, a sponge or a bar is wrapped in a layered material.

23. A method of manufacturing a product as claimed in any of claims 1 to 22 said
30 method comprising contacting the applicator with a wax phase.

24. A method according to claim 23 wherein the wax phase is applied by spraying, contacting, printing or a direct contact process where there is a direct contact between the applicator and an application head having slit nozzles.

- 5 25. Use of a product as claimed in any of claims 1 to 22 as a combined cleanser and applicator of active substances.